Title (en)

MULTI-LAYER COEXTRUSION METHOD

Title (de)

VERFAHREN ZUR MEHRSCHICHTIGEN KOEXTRUSION

Title (fr)

PROCEDE DE COEXTRUSION MULTICOUCHE

Publication

EP 2021179 A1 20090211 (FR)

Application

EP 07766091 A 20070523

Priority

- FR 2007051318 W 20070523
- FR 0604594 A 20060523

Abstract (en)

[origin: WO2007135344A1] Method used to protect a thermoplastic polymer 5 consisting of superposing a protective layer (I) comprising an acrylic copolymer comprising by weight (the total making 100%): - from 80 to 99.8% of methyl methacrylate (MMA) 10 - from 0 to 20% of at least one comonomer that can be copolymerised with MMA by a radicalar method, - and 0.2 to 10% of maleic anhydride or 15% of acrylic acid and/or methacrylic acid and possibly anhydride groups with a formula: in which R₁ and R₂ denote H and a methyl radical 20, a layer of at least one thermoplastic polymer (II), all these steps being performed in order by coextrusion, by hot compression or by multi-injection.

IPC 8 full level

B32B 27/08 (2006.01); **B32B 27/18** (2006.01); **B32B 27/30** (2006.01); **C08L 33/06** (2006.01)

CPC (source: EP US)

B32B 27/08 (2013.01 - EP US); **B32B 27/18** (2013.01 - EP US); **B32B 27/30** (2013.01 - EP US); **B32B 27/302** (2013.01 - EP US); **B32B 27/304** (2013.01 - EP US); **B32B 27/308** (2013.01 - EP US); B32B 2250/24 (2013.01 - EP US); B32B 2250/40 (2013.01 - EP US); B32B 2307/558 (2013.01 - EP US); B32B 2307/584 (2013.01 - EP US); B32B 2419/00 (2013.01 - EP US); B32B 2509/00 (2013.01 - EP US); B32B 2605/00 (2013.01 - EP US); C08L 33/064 (2013.01 - EP US); Y10T 428/269 (2015.01 - EP US)

Citation (search report)

See references of WO 2007135344A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2007135344 A1 20071129; EP 2021179 A1 20090211; EP 2021179 B1 20170906; JP 2009537358 A 20091029; JP 5496656 B2 20140521; RU 2008150854 A 20100627; RU 2446054 C2 20120327; US 11214045 B2 20220104; US 2010040876 A1 20100218

DOCDB simple family (application)

FR 2007051318 W 20070523; EP 07766091 A 20070523; JP 2009511559 A 20070523; RU 2008150854 A 20070523; US 30151507 A 20070523